

DERWENT ABSTRACT FOR: JP 63-113047 (Mitsubishi), published 18 May 1988;

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 ACCESSION NUMBER: 1988-295269 [42] WPINDEX
 DOC. NO. CPI: C1988-130788
 TITLE: Resin compsn. useful for engineering plastics - comprises polyolefin, polyphenylene ether resin, alkenyl aromatic polymer and aliphatic hydrocarbon, and talc.
 DERWENT CLASS: A17 A25 A95
 PATENT ASSIGNEE(S): (MITP) MITSUBISHI PETROCHEMICAL CO LTD
 COUNTRY COUNT: 1
 PATENT INFORMATION:

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APPLICATION DETAILS:

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AB JP 63113047 A UPAB: 19930923

A resin compsn. comprises (I) 100 wt. pts. of a compsn. consisting of (a) 25-58 wt.% of a polyolefin, (b) 25-65 wt.% of polyphenylether resin and (c) 4-30 wt.% of a polymer having alkenyl aromatic cpd. polymer chain (d) and aliphatic hydrocarbon chain (e); and (II) 5-50 wt. pts. of talc with an average grain size of 0.2-10 microns.

Pref. polyolefin is polymer of ethylene, propylene, butene-1, hexene-1, or 3-methylbutene-1 or random or block copolymer, etc. Polyphenylene ether is pref. poly(2,6-dimethyl-1,4-phenylene)ether, poly(2,6-dimethyl-1,4-phenylene)ether or copolymer of 2,6-dimethylphenol and 2,3,6-trimethyl phenol or 2,6-dimethylphenol and 2,3,5,6-tetramethylphenol. Pref. alkenyl aromatic cpd. is styrene, paramethylstyrene, vinylxylene vinyltoluene, etc.. The polymer (c) is pref. partially hydrogenated alkenyl aromatic cpd.-conjugated diene block copolymer and "Kraton-G" (RTM).

USE/ADVANTAGE - Resin compsns. have good size-stability and are useful for car parts such as door panels, wheel cover, engine hood, roof, etc..

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